

**REMARKS**

The Examiner indicated the Application is in condition for allowance except for the following formal matters:

Claims 1 and 11, step C, "the number of lateral insertions" lacks antecedent basis.

Claims 2-3 and 12-13, the highest number" lacks antecedent basis.

Claims 4-7 and 14-17, all "said selected pattern" is not clear and all need to be clearly defined in these claims; i.e. said selected pattern from a set of test pattern(s) (from step b) or said selected pattern from said count list (from step f).

Claims 5 and 15, "said mark off table" lacks antecedent basis.

Claims 10 and 20, "said set of patterns" is not clear and needed to be clearly defined in these claims; i. e. said set of scan diagnostic patterns or said set of test patterns (see claim 1).

In claim 11, lines 5-6. "when executed by said processor implement of generating a set" should be checked/reworded for clarity.

In claim 11, line 8, "comprising the computer implemented steps of" should be changed to "comprising a computer to implement a method comprises (ing) steps of" or comprising a computer implemented method comprises (ing) steps of" (See "method" in dependencies of claim 11).

In response, Applicants have amended claims 1-7, 10, 11-17 and 20 as the Examiner suggested or to clarify where the Examiner indicated. Applicants have also amended claims 9 and 19 to be consistent with the terminology of amended claims 1 and 11 respectively.

**CONCLUSION**

Based on the preceding arguments, Applicants respectfully believe that all pending claims and the entire application meet the acceptance criteria for allowance and therefore request favorable action. If Examiner believes that anything further would be helpful to place the application in better condition for allowance, Applicants invite the Examiner to contact the Applicants' representative at the telephone number listed below. The Director is hereby authorized to charge and/or credit Deposit Account 09-0456.

Respectfully submitted,  
FOR: Brunkhorst et al.

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